

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6531	((mim or capacitor) and ((conductive or electrode) near5 (refractory or ti or ta or titanium or tantulum)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/13 22:12
S2	143	((((mim or capacitor) and ((conductive or electrode) near5 (refractory or ti or ta or titanium or tantulum))) and (tin or tan or (titanium near2 nitride) or (tantulum near3 nitride)))\ and (capping)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 11:30
S3	1	("6358829").PN.	USPAT; USOCR	OR	OFF	2004/06/13 20:02
S4	1	("6340827").PN.	USPAT; USOCR	OR	OFF	2004/06/13 20:03
S5	1	("6099701").PN.	USPAT; USOCR	OR	OFF	2004/06/13 20:03
S6	1	("6005277").PN.	USPAT; USOCR	OR	OFF	2004/06/13 20:03
S7	1	("5759916").PN.	USPAT; USOCR	OR	OFF	2004/06/13 20:03
S8	1	("5747361").PN.	USPAT; USOCR	OR	OFF	2004/06/13 20:03
S9	0	("6or7or8or9or10or11").PN.	USPAT; USOCR	OR	OFF	2004/06/13 20:04
S10	6	((("6358829").PN.) or ((("6340827").PN.) or ((("6099701").PN.) or ((("6005277").PN.) or ((("5759916").PN.) or ((("5747361").PN.)	USPAT	OR	OFF	2004/06/13 20:04
S11	4066	((mim or capacitor) and ((conductive or electrode) near5 (refractory or ti or ta or titanium or tantulum))) and (tin or tan or (titanium near2 nitride) or (tantulum near3 nitride))\	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/13 22:01
S12	1222	((((mim or capacitor) and ((conductive or electrode) near5 (refractory or ti or ta or titanium or tantulum))) and (tin or tan or (titanium near2 nitride) or (tantulum near3 nitride)))\ and (high adj dielectric)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/13 22:03

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S13	133	((mim or capacitor) and ((conductive or electrode) near5 (refractory or ti or ta or titanium or tantulum))) and smoothing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 19:14
S14	3	((mim or capacitor) and ((conductive or electrode) near5 (refractory or ti or ta or titanium or tantulum))) and (smoothing near2 layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/13 22:22
S15	0	("6750115").PN.	USPAT; USOCR	OR	OFF	2004/06/13 22:47
S16	0	"10303462"	USPAT	OR	OFF	2004/06/13 22:47
S21	2762	(mim or capacitor) and (electrode near5 (refractory or ti or ta or titanium or tantulum)) and (tin or tan or (titanium near2 nitride) or (tantulum near3 nitride))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/13 21:19
S22	1406	(mim or capacitor) and ((electrode near5 (refractory or ti or ta or titanium or tantulum)) same (tin or tan or (titanium near2 nitride) or (tantulum near3 nitride)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 12:50
S23	42	257/532.ccls. and ((mim or capacitor) and ((electrode near5 (refractory or ti or ta or titanium or tantulum)) same (tin or tan or (titanium near2 nitride) or (tantulum near3 nitride))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/10 19:21
S24	42	257/532.ccls. and ((mim or capacitor) and ((electrode near5 (refractory or ti or ta or titanium or tantulum)) same (tin or tan or (titanium near2 nitride) or (tantulum near3 nitride))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 13:40
S25	1	("6204069").PN.	USPAT	OR	OFF	2004/11/22 13:40
S26	5128	((mim or capacitor) and ((conductive or electrode) near5 (refractory or ti or ta or titanium or tantulum))) and (tin or tan or (titanium near2 nitride) or (tantulum near3 nitride))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/13 23:18
S27	113	S26 and (smoothing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/23 19:19

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S28	5	S26 and (smoothing near2 layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/24 11:27
S29	5134	((mim or capacitor) and ((conductive or electrode) near5 (refractory or ti or ta or titanium or tantulum))) and (tin or tan or (titanium near2 nitride) or (tantulum near3 nitride)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/24 11:27
S30	86	S29 and (smooth\$3 near2 layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/24 11:27
S31	3295	(mim or capacitor) and (electrode near5 (refractory or ti or ta or titanium or tantulum)) and (tin or tan or (titanium near2 nitride) or (tantulum near3 nitride)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/13 22:23
S32	1797	(mim or capacitor) and (electrode near5 (refractory or ti or ta or titanium or tantulum)) and (tin or tan or (titanium near2 nitride) or (tantulum near3 nitride)))	USPAT	OR	OFF	2005/11/13 21:23
S33	446	S31 and (smooth or smoothing or rough or roughness)	USPAT	OR	ON	2005/11/13 21:23
S34	787	S31 and (smooth or smoothing or rough or roughness)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 21:25
S35	346	S31 and (smooth or smoothing or rough or roughness) WITH layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 21:25
S36	1873	257/532.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/13 22:22
S37	2064	257/306.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/13 22:22

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S38	458	438/244.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/13 22:22
S39	134	438/957.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/13 22:22
S40	4210	S36 S37 S38 S39	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/13 22:22
S41	364	S40 and (electrode near5 (refractory or ti or ta or titanium or tantulum)) and (tin or tan or (titanium near2 nitride) or (tantulum near3 nitride))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 20:36
S42	321	S41 not S35	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/13 22:32
S43	1	("6297527").PN.	USPAT	OR	OFF	2005/11/13 22:32
S44	1	(mim or capacitor) and ((conductive or electrode) WITH (tirn or (titanium adj rich adj nitride)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/13 23:19
S45	2768	"257"/\$6.ccls. and (electrode near5 (refractory or ti or ta or titanium or tantulum)) and (tin or tan or (titanium near2 nitride) or (tantulum near3 nitride))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 18:52
S46	3083	"257"/\$6.ccls. and (electrode near5 (refractory or ti or ta or titanium or tantulum)) and (tin or tan or (titanium near2 nitride) or (tantulum near3 nitride))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 19:09
S47	4	S46 and ((smooth\$3 and rough\$3) near3 layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 19:09

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S48	12	"257"/\$6.ccls. and (electrode WITH (refractory or ti or ta or titanium or tantulum)) and (tin or tan or (titanium near2 nitride) or (tantulum near3 nitride)) and ((smooth\$3 and rough\$3) near3 layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 19:10
S49	8	S48 not S47	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 19:10
S50	198	((mim or capacitor) and ((conductive or electrode) near5 (refractory or ti or ta or titanium or tantulum))) and smoothing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 19:14
S51	1937	257/532.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 20:36
S52	2130	257/306.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 20:36
S53	473	438/244.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 20:36
S54	143	438/957.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 20:36
S55	4344	S51 S52 S53 S54	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 20:36
S56	377	S55 and (electrode near5 (refractory or ti or ta or titanium or tantulum)) and (tin or tan or (titanium near2 nitride) or (tantulum near3 nitride))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 11:30

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S57	924	(mim or capacitor or semiconductor or ic or die or chip or (integrated adj circuit)) and (((conductive or electrode or line) near5 (refractory or ti or ta or titanium or tantulum or tin or tan or (titanium near2 nitride) or (tantulum near3 nitride)))) same (smooth\$4 or rough\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 11:33
S58	1058	(mim or capacitor or semiconductor or ic or die or chip or (integrated adj circuit)) and (((conductive or electrode or line) near5 (refractory or ti or ta or titanium or tantulum or tin or tan or (titanium near2 nitride) or (tantulum near3 nitride)))) same (smooth\$4 or rough\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 12:39
S59	146	(mim or capacitor or semiconductor or ic or die or chip or (integrated adj circuit)) and (((conductive or electrode or line) near5 (refractory or ti or ta or titanium or tantulum or tin or tan or (titanium near2 nitride) or (tantulum near3 nitride)))) same ((smooth\$4 or rough\$4) WITH (less or more or greater or reduced)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 12:41